JC06 Rec'd PCT/PTO 27 JUN 2005

.PTO-1390 (Rev. 02-2005)

or use through 3/31/2007. OMB 0651-0021 App 2

ce; U.S. DEPARTMENT OF COMMERCE U.S. Patent and Tradem Under the Paperwork Reduction Act of 1 no persons are required to respond to a collection of information less it displays a valid OMB control number. ATTORNEY'S DOCKET NUMBER 15584.11

TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

PROCATION NO (Illingup, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO. PCT/GB2003/005722		ATIONAL APPLICATION NO. PCT/GB2003/005722	INTERNATIONAL FILING DATE December 24, 2003	PRIORITY DATE January 9, 2003				
TITLE OF INVENTION								
SINGLE PIECE OPTICAL MECHANICAL ASSEMBLY FOR OPTICAL DATA STORAGE ENGINES								
APPLICANT(S) FOR DO/EO/US ;								
Toı	Tony Combe and David Shepherd							
App	Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:							
1.	\boxtimes	This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.						
2.		This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.						
3.		This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.						
4.	\boxtimes	The US has been elected (Article 31).						
5.	Ø	A copy of the International Application as filed (35 U.S.C. 371 (c)(2))						
	a.	is attached hereto (required only if not communicated by the International Bureau).						
	b.	has been communicated by the International Bureau.						
	C.	is not required, as the application was filed in the United States Receiving Office (RO/US).						
6.		An English language translation of the International Application as filed (35 U.S.C.						
	a.	is attached hereto.						
	b.	has been previously submitted under 35 U.S.C. 154(d)(4).						
7.	⊠ a.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) are attached hereto (required only if not communicated by the International Bureau).						
	b.	have been communicated by the International Bureau.						
	C.	☐ have not been made; however	have not been made; however, the time limit for making such amendments has NOT expired.					
	d.	Ave not been made and will not be made.						
		An English language translation of	the amendments to the claims under I	PCT Article 19 (35 U.S.C. 371(c)(3)).				
9.		An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).						
10.	10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).							
	iten	ns 11 to 20 below concern docum	· ·					
11.	. 🗆	An Information Disclosure Statem	ent under 37 CFR 1.97 and 1.98.					
		•	ding. A separate cover sheet in comp	liance with 37 CFR 3.28 and 3.31 is included.				
13.	\boxtimes	A preliminary amendment.		•				
		An application Data Sheet under 3	7 CFR 1.76.					
	_	A substitute specification.						
16.		A power of attorney and/or change	of address letter.					
17.		A computer-readable form of the se	equence listing in accordance with PC	T Rule 13 <i>ter</i> .2 and 35 U.S.C. 1.821 - 1.825.				
18.		A second copy of the published Int	ernational Application under 35 U.S.C.	. 154(d)(4).				
19.		A second copy of the English langu	uage translation of the International Ap	plication under 35 U.S.C. 154(d)(4).				
20	. 🛛	Other items or information: postcard; credit card form 2038	for \$450.00; Certificate of Express	Mailing Label No. EV 657810418				

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. VA 22313-1450.

PF0 1490 (Rev. 02-2005) 831/2001 DMB 0651-0021 RTMENT OF COMMERCE Under the Paperwork Reduction Act of 1985 no persons are required to it displays a valid OMB control number. re**Park**FR INTERNATIONAL APPLICATION N ATTORNEY'S DOCKET NUMBER PCT/GB2003/005722 15584.11 The following fees are submitted: PTO USE ONLY **CALCULATIONS** \$300.00 \$300 Examination fee If International preliminary examination report prepared by USPTO and all claims \$200.00 International Search Report prepared and provided to the Office \$400 \$400.00 TOTAL OF 21, 22 and 23 = \$900.00 Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. Total Sheets Extra Sheets Number of each additional 50 or RATE fraction thereof (round up to a whole 12 - 100 = 0 /50 =\$250.00 \$0.00 Surcharge of \$130.00 for furnishing the oath or declaration later than 30 \$ months from the earliest claimed priority date (37 CFR 1.492(h)). **NUMBER FILED NUMBER EXTRA** RATE **CLAIMS** Total claims 19 - 20 = X \$50.00 \$0.00 Independent claims 1 - 3= O X \$200.00 \$0.00 Multiple Dependent Claims (if applicable) \$360.00 \$ \$ \$900.00 TOTAL OF ABOVE CALCULATIONS Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are \$450.00 reduced by 1/2. \$450.00 SUBTOTAL \$ Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). \$ \$ \$450.00 **TOTAL NATIONAL FEE** Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per \$ TOTAL FEES ENCLOSED = \$450.00 \$ Amount to be \$ refunded: Amount to be \$ charged: a. A check in the amount of to cover the above fees is enclosed. b. Please charge my Deposit Account in the amount of to cover the above fees. A duplicate copy of this sheet is enclosed. c. 🗵 The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment 23-3178 . A duplicate copy of this sheet is enclosed. d. 🗵 Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. SEND ALL CORRESPONDENCE TO:

Form PTO-1390 (REV.02-2005)

NAME

Michael M. Ballard

54,978

REGISTRATION NUMBER

JC20 Rec'd PCT/PTO 27 JUN 2005

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CERTIFICATE OF MAI G BY "EXPRESS MAIL" (37 CFR Applicant(s):						
Filing Date June 27, 2005	Examiner Unassigned	Customer No. 022913	Group Art Unit Unassigned			
IECE OPTICAL MECHA	ANICAL ASSEMBLY FOR OPTICAL	DATA STORAG	E ENGINES			
I hereby certify that the following correspondence: Transmittal Letter for Patent Application Filed Under 35 U.S.C. 371 (2 pgs.); Copy of Published International Application with International Search Report (17 pgs.); Preliminary Amendment "A" (5 pgs.); Form PTO 2038 in the						
(Identify type of correspondence) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37						
June 27, 2005 (Date)	missioner for Patents, P.O. Box 1450	, Alexandria, VA	22313-1450 ON			
	(Typed or Printed Name of Person (Signature of Person Mai	on Mailing Correspond ling Correspondence) 0418 US	lence)			
	Filing Date June 27, 2005 TECE OPTICAL MECHA the following corresponde or Patent Application Filed ernational Search Report and postcard. with the United States Post elope addressed to: Communications June 27, 2005	Filing Date June 27, 2005 THECE OPTICAL MECHANICAL ASSEMBLY FOR OPTICAL The following correspondence: Or Patent Application Filed Under 35 U.S.C. 371 (2 pgs.); Copy of cernational Search Report (17 pgs.); Preliminary Amendment "A" and postcard. (Identify type of correspondence) With the United States Postal Service "Express Mail Post Office belope addressed to: Commissioner for Patents, P.O. Box 1450 June 27, 2005 (Date) Shanon (Typed or Printed Name of Person Mail EV 65781	F MAI BY "EXPRESS MAIL" (37 CFR 15: 8 Filing Date Examiner Customer No. 022913 PIECE OPTICAL MECHANICAL ASSEMBLY FOR OPTICAL DATA STORAGE The following correspondence: Or Patent Application Filed Under 35 U.S.C. 371 (2 pgs.); Copy of Published Internet Print P			

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